

Lucent Polymers 66-41 Nylon 66, Toughened

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:Add "H" for Heat Stabilized Add "HU" for Weatherable
Typical Properties, Dry as Molded
Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-66-41-Nylon-66-Toughened.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.016 cm/cm @Thickness 3.17 mm	0.016 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	57.93 MPa	8402 psi	ASTM D638
Elongation at Break	>= 30 %	>= 30 %	ASTM D638
Flexural Strength	65.52 MPa	9503 psi	ASTM D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM D790
Izod Impact, Notched	1.602 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	3.001 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	250 - 265 Â°C	482 - 509 Â°F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	72.22 Â°C	162.0 Â°F	ASTM D648

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